

Table 4-1
Summary of Newmark OU O&M - Water Level Monitoring

Reporting Period: March 23, 2005 to April 30, 2005
System Operation Date: October 1, 2000
Operations Completed: 5 years and 7 months

Newmark and Muscoy OU Monitoring Wells	
Description Routine Monitoring and Maintenance Performed	Periodic checks of telemetry systems. Continued the modification of RTU programming to address data acquisition issues and in preparation for the Muscoy OU IRA startup testing
Description of Problems Encountered	Some of the radio transmission units (RTUs) failed during the reporting period. In addition, some of the RTUs failed to collect reliable data. The problem was mainly confined to the Kingfisher LP1 model RTUs. The extent of lost/compromised data is under evaluation. A full report of the problem and solution will be provided as part of the Second Quarter 2005 water level monitoring reporting that will be included in the June 2005 progress report.
Description of Process Improvements Implemented	Replacement RTUs were ordered to address the reliability issues of the problematic Kingfisher LP1 RTUs.
Deviations from the Operational Requirements of the Consent Decree	Due to equipment failures, water level data was not reliable collected on a daily basis. Measures have since been set in place to alleviate this deviation.
Newmark and Muscoy OU Extraction Wells	
Description Routine Monitoring and Maintenance Performed	Periodic checks of telemetry systems. Collected manual water levels from within extraction well casings. Continued the modification of RTU programming to address data acquisition issues and in preparation for the Muscoy OU IRA startup testing
Description of Problems Encountered	The sounding ports for EW-6 and EW-7 were inaccessible during the April manual water level monitoring event. However, daily water levels were being collected in the adjacent piezometers.
Description of Process Improvements Implemented	None
Deviations from the Operational Requirements of the Consent Decree	Unable to collect monthly readings from EW-6 and EW-7. Due to equipment failures, water level data was not reliable collected on a daily basis. Measures have since been set in place to alleviate this deviation.
Site-Wide Monitoring Wells	
Description Routine Monitoring and Maintenance Performed	Collected monthly manual water level measurements
Description of Problems Encountered	None
Description of Process Improvements Implemented	None
Deviations from the Operational Requirements of the Consent Decree	None